



Applicant: Langer, et al.  
Title: Modification of Surfaces Using Biological Recognition  
Events  
Reference No.: 0492611-0335/MIT-8070

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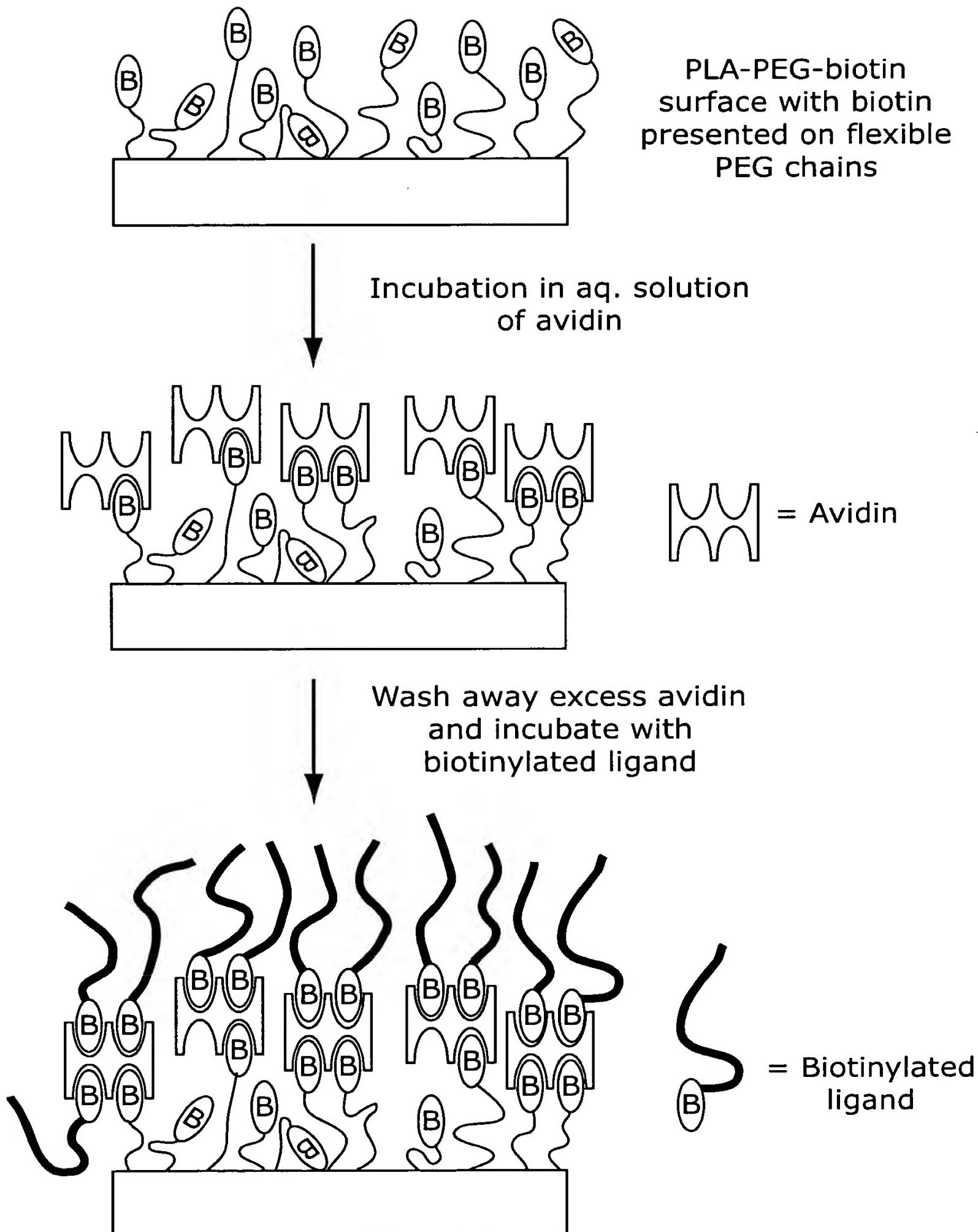
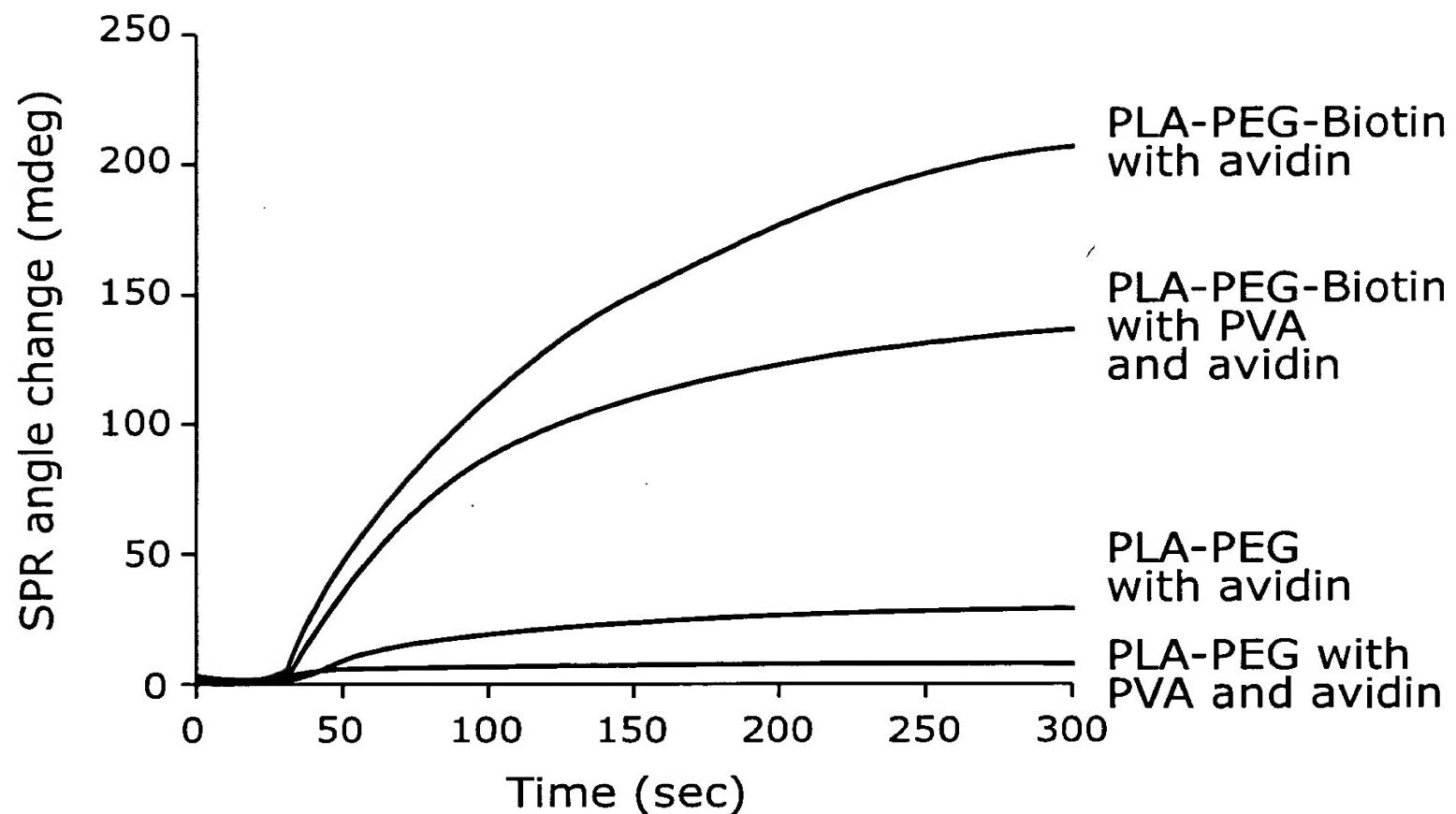


FIG. 1



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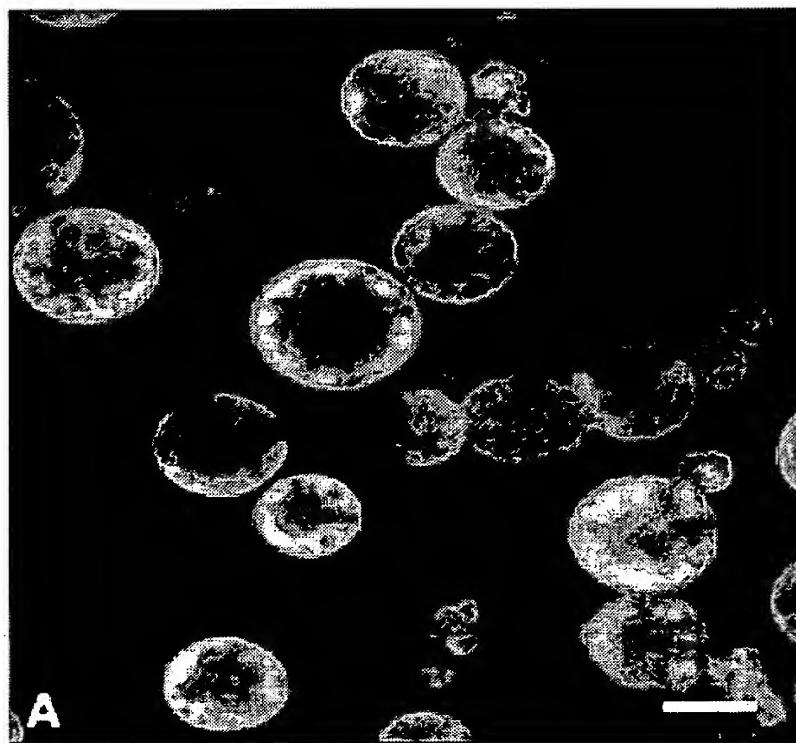
$\theta_{\text{SPR}}$ change (mdeg)		
	0.5 $\mu\text{g/ml}$ avidin	0.5 $\mu\text{g/ml}$ avidin after PVA
PLA-PEG-Biotin	211 $\pm$ 13	140 $\pm$ 24
PLA-PEG	34 $\pm$ 8	5 $\pm$ 3

FIG. 2

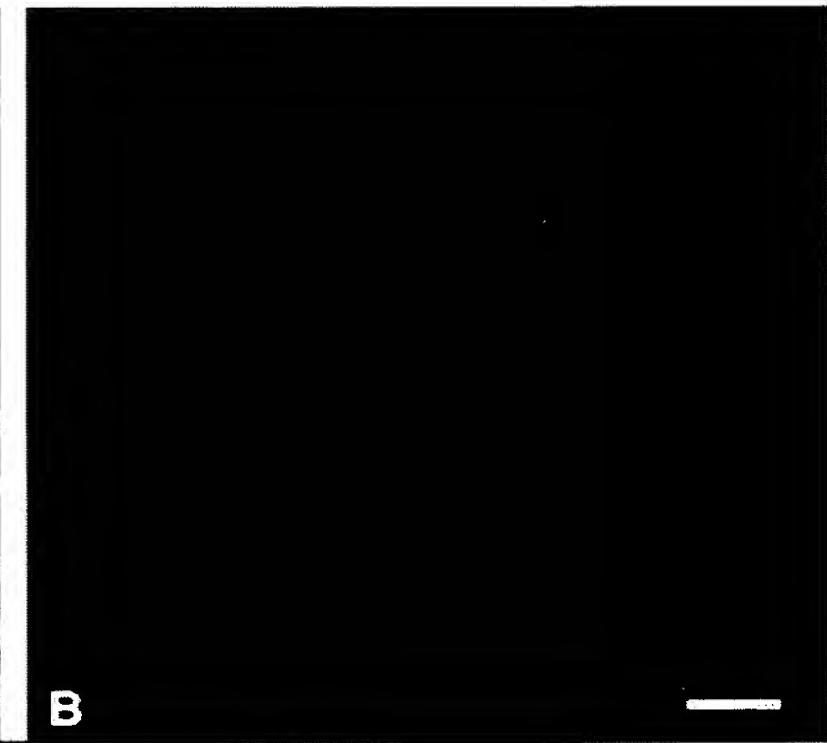


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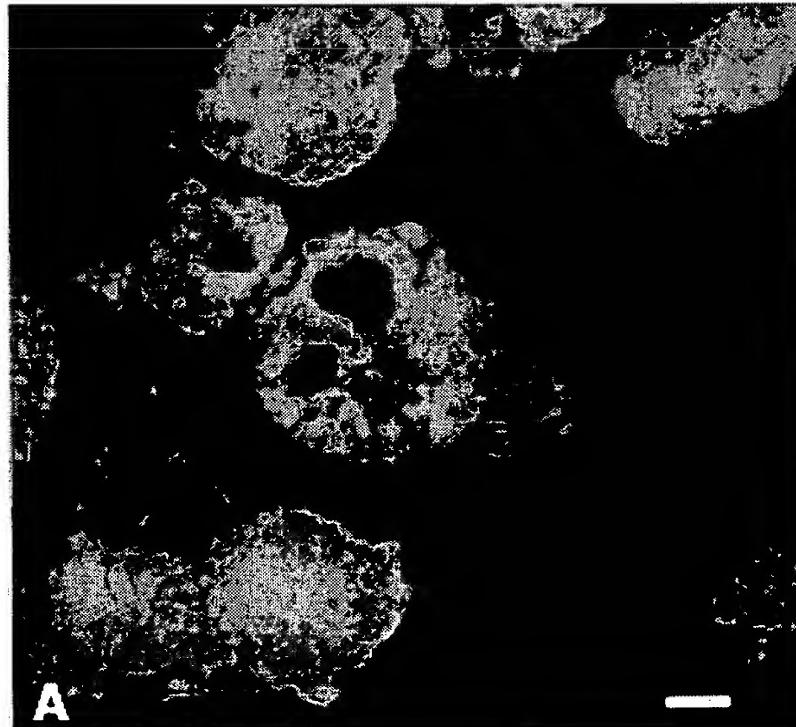
A



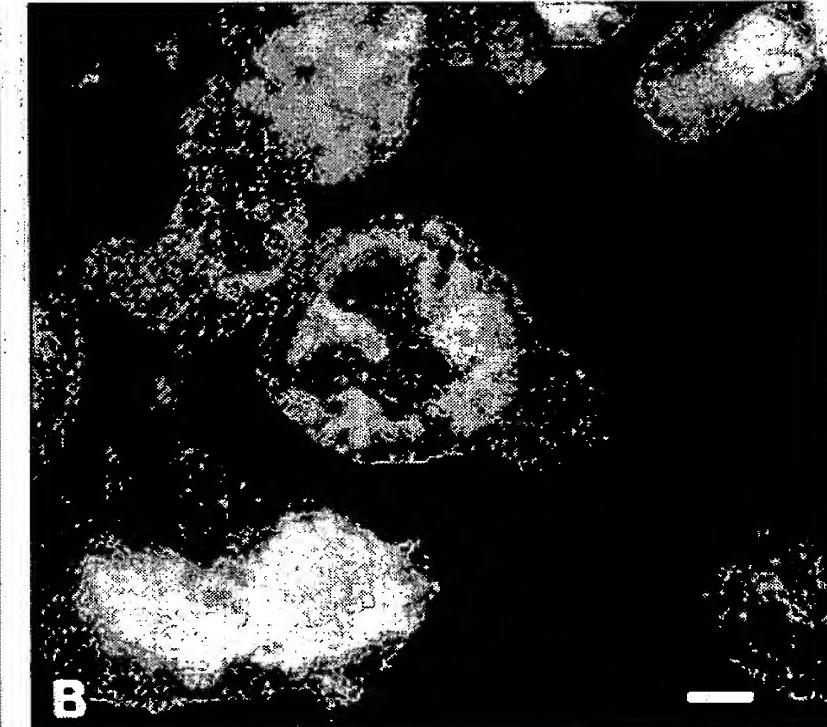
B

FIG. 3A

FIG. 3B



A



B

FIG. 4A

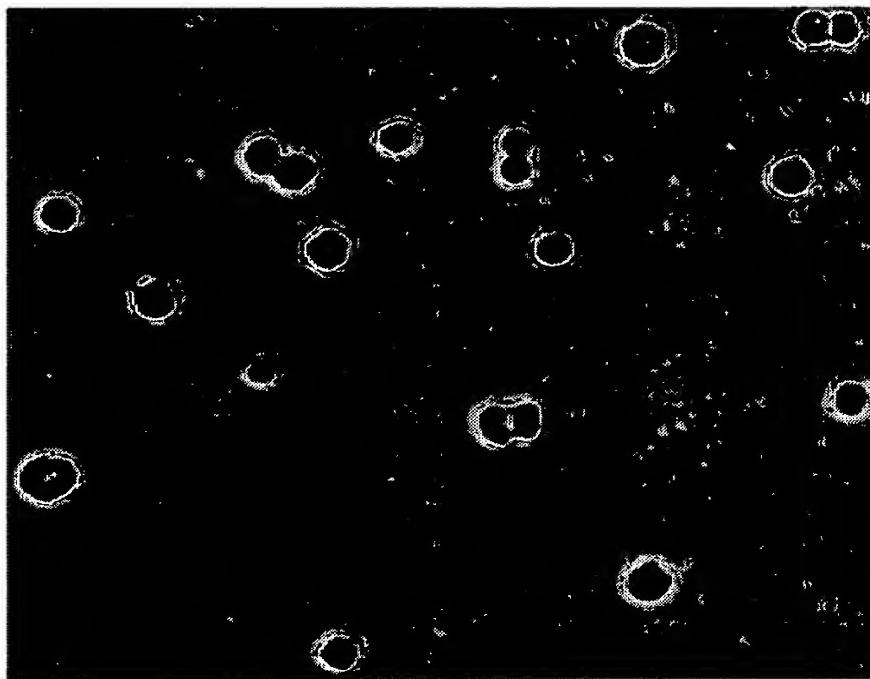
FIG. 4B

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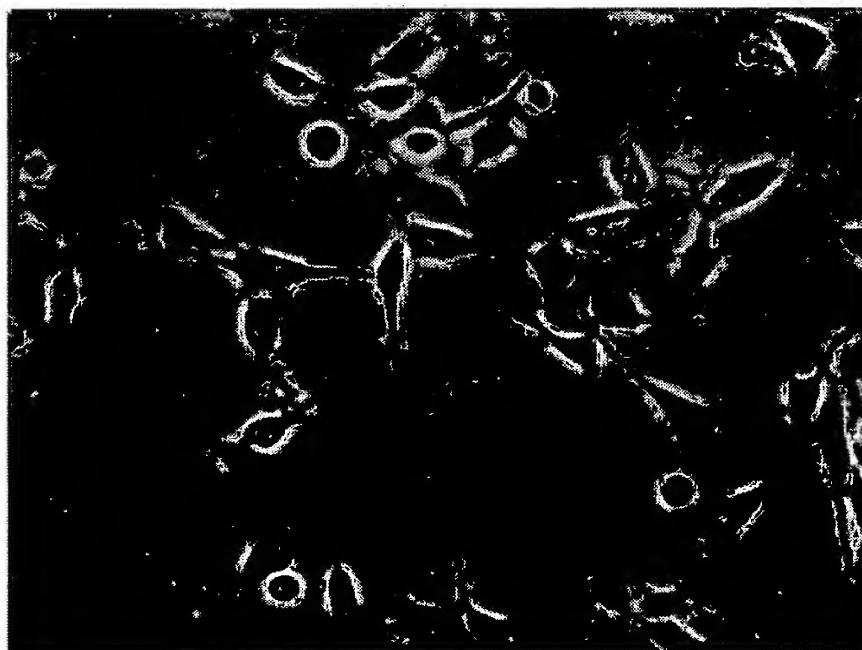
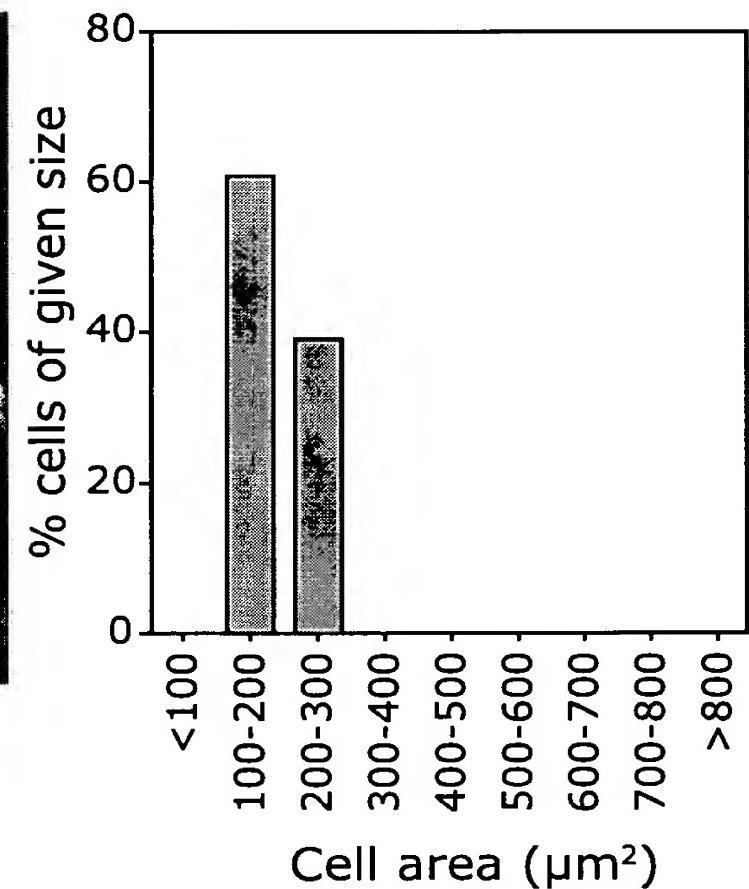


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PLA-PEG-Biotin



PLA-PEG-Biotin incubated with  
avidin & biotin-G(11) GRGDS

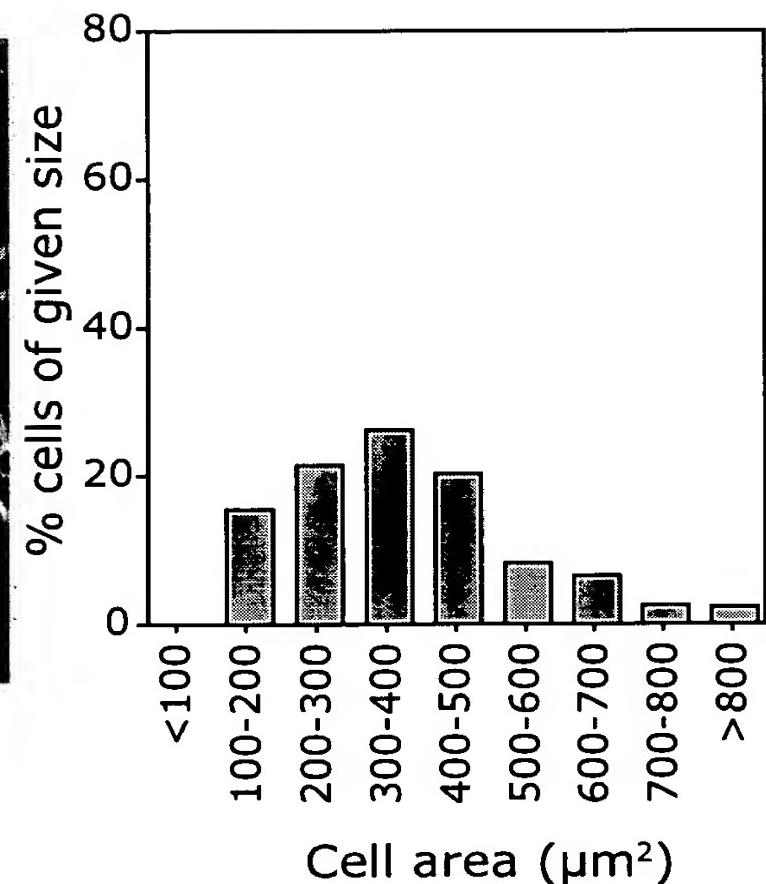


FIG. 5

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